

HYDRAULIC FLUID DEVICE TEST SYSTEM

Abstract

A temperature controlled hydraulic fluid supply circuit (12) includes a first hydraulic fluid reservoir (18), that has an initial hydraulic fluid (20), and a temperature controlled housing (45). A second hydraulic fluid reservoir (26) is fluidically coupled to the first hydraulic fluid reservoir (18), resides within the temperature controlled housing (45), and has a controlled hydraulic fluid (14) that is supplied to a test device (16). A circulation device (60) circulates a temperature altering fluid (62) through the temperature controlled housing (45) and adjusts the temperature of the controlled hydraulic fluid (14).